Laney

MXD15, MXD30, MXD65
USER MANUAL

www.laney.co.uk

Intended to alert the user to the presence of uninstalled "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

Intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

Caution: Risk of electrical shock - DO NOT OPEN!
Caution: To reduce the risk of electrical shock, do not remove cover. No user servicable parts inside. Refer servicing to qualified service personnel.

WARNING: To prevernt electrical shock or fire hazard, do not expose this appliance to rain or moisture. Before using this appliance, read the operating guide for further warnings.

This apparatus must be earthed.

EMC warning
It is inherent in the design of a loudspeaker and in the design of guitar pickups that they should emit or be affected by electro magnetic fields. Loudspeaker enclosures should not be used less than two meters away from equipment, which is likely to be affected by electro magnetic interference.
Likewise, guitar fitted with electro magnetic pickups should not be used less than two meters away from any source of emissions such as loudspeakers. Emissions from loudspeakers are dependent on the frequency characteristics of the drive unit. Levels were measured direct from the driver of 30 dBuV. These levels are reduced to a safe level at a distance of 1,27 meters from the drivers.

IMPORTANT SAFETY INSTRUCTIONS

WARNING: When using electric products, basic cautions should always be followed, including the following.

1. Read all safety and operating instructions before using this product
2. All safety and operating instructions should be retained for future reference
3. Obey all cautions in the Operating instructions and on the back of the unit
4. All operating instructions should be followed
5. This product should not be used near water, i.e. a bathtub, sink, swimming pool, wet basement, etc.
6. This product should be located so that its position does not interfere with its proper ventilation. It should not be placed flat against a wall or placed in a built up enclosure that will impede the flow of cooling air.
7. This product should not be placed near a source of heat such as stove, radiator, or another heat producing amplifier.
8. Connect only to a power supply of the type marker on the unit adjacent to the power supply cord.
9. Never break off the ground pin on a power supply cord.
10. Power supply cords should always be handled carefully. Never walk or place equipment on power supply cords. Periodically check cords for cuts or signs of stress, especially at the plug and the point where the chord exits the unit.
11. The power supply cord should be unplugged when the unit is to be unused for long periods of time.
12. If this product is to be mounted in an equipment rack, rear support should be provided.
13. Metal parts can be cleaned with a damp cloth. The vinyl covering used on some units can be cleaned with a damp cloth or ammonia based household cleaner if necessary. Disconnect the unit from the power supply before cleaning.
14. Care should be taken so that objects do not fall and liquids are not spilled into the unit through any ventilation holes or openings.
15. A qualified service technician should check the unit if:
    - The power cord has been damaged
    - Anything has fallen or spilled into the unit
    - The unit does not appear to operate correctly
    - The unit has been dropped or the enclosure damaged.
16. The user should not attempt to service the equipment. All service work is done by a qualified service technician.
17. Exposure to extremely high noise levels may cause a permanent hearing gloss. Individuals very considerably in susceptibility to noise induced hearing loss, but nearly everyone will lose some hearing if exposed to sufficiently intense noise for a sufficient time. The U.S. Government's Occupational Safety and Health Administration (OSHA) has specified the following permissible noise level exposure.

Duration Per Day In Hours	Sound Level dBA, slow response
8	90
6	92
4	95
3	97
2	100
1 ½	102
1	105
½	110
¼ or less	115

According to OSHA, any exposure in excess of the above permissible limits could result in some hearing loss. Ear plugs or protectors in the ear canals or over the ears must be worn when operating this amplification system in order to prevent a permanent hearing loss if exposure exceeds the limits set forth above. To ensure against potentially dangerous exposure to high sound pressure levels it is recommended that all persons exposed to equipment capable of producing high sound pressure levels such as this amplification system be protected by hearing protectors while this unit is in operation.

SAVE THESE INSTRUCTIONS

INTRODUCTION

Congratulations on your decision to purchase a Laney amplifier.

Laney products are designed with ease of operation as a primary objective, however to ensure you derive the best from your new amplifier, it is important you take time to read this user manual and to familiarise yourself with the control functions and facilities available

BEFORE SWITCHING ON

After unpacking your amplifier check that it is factory fitted with a three pin 'grounded' (or earthed) plug. Before plugging into the power supply ensure you are connecting to a grounded earth outlet.

If you should wish to change the factory fitted plug yourself, ensure that the wiring convention applicable to the country where the amplifier is to be used is strictly conformed to. As an example in the United Kingdom the cable colour code for connections are as follows.

EARTH OR GROUND - GREEN/YELLOW
NEUTRAL - BLUE
LIVE - BROWN

This manual has been written for easy access of information. The front and rear panels of each unit are graphically illustrated, with each control and feature numbered. For a description of the function of each control feature, simply check the number with the explanations adjacent to each panel.

Your Laney amplifier has undergone a thorough two stage, pre-delivery inspection, involving actual play testing, as well as burn in.

When you first receive your Laney amp, follow these simple procedures:

(I) Ensure that the amplifier is set at the correct voltage for the country it is to be used in.

(ii) Connect your instrument with a high quality instrument cable. Use of cheap cables will compromise the sound of your instrument and your amplifier.

If there is a problem with your Laney amplifier

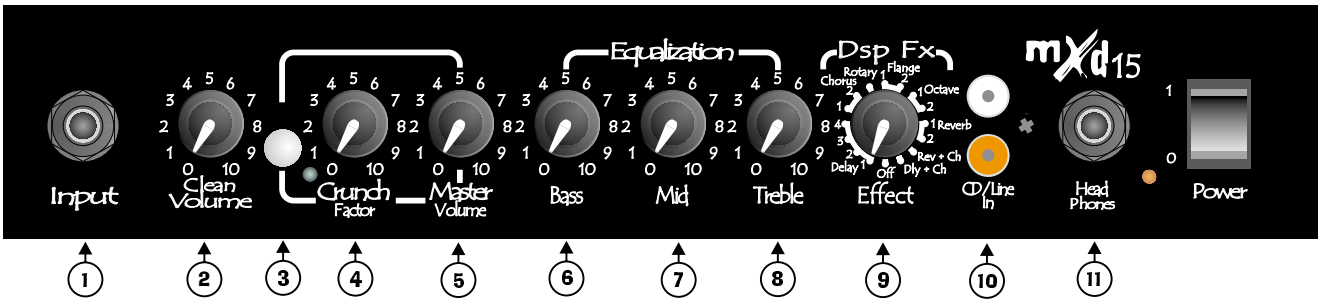
DON'T

DO

PHONE YOUR DEALER!

Care of your Laney amplifier will prolong it's life.....and yours!.

MXD 15



Made in China Fabrique en Chine
Model
N1646
Power Source
~100VAC 50/60Hz
~120VAC 50/60Hz
~230V AC 50/60Hz
~240V AC 50/60Hz
Power Consumption - 30 Watts ~50/60Hz
Serial Number
CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN
CAUTION TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVERS. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL ONLY.
WARNING -TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.
WARNING-THIS EQUIPMENT MUST BE EARTHED.
ATTENTION - SE REFERER AU MANUEL D'UTILISATION POUR LA CONNECTION HAUT-PARLEURS.
AVIS - RISQUE DE CHOC ELECTRIQUE NE PAS OUVRIR.
ATTENTION - DEBRANCHER LE CORDON D'ALIMENTATION AVANT TOUTE INTERVENTION.
Designed in the UK by BLT Industries LTD.

① **GUITAR INPUT:** Socket provided for connecting electric guitar.

② **CLEAN VOLUME:** Sets the overall listening level of the clean channel.

③ **CRUNCH FACTOR ON!:** Engages the CRUNCH channel

④ **CRUNCH FACTOR:** Sets the level of distortion within the crunch channel.

⑤ **MASTER VOLUME:** Controls the overall listening level of the overdrive channel.

⑥ **BASS:** Controls the low frequency EQ in the pre amplifier.

⑦ **MIDDLE:** Controls the mid frequency EQ in the pre amplifier.

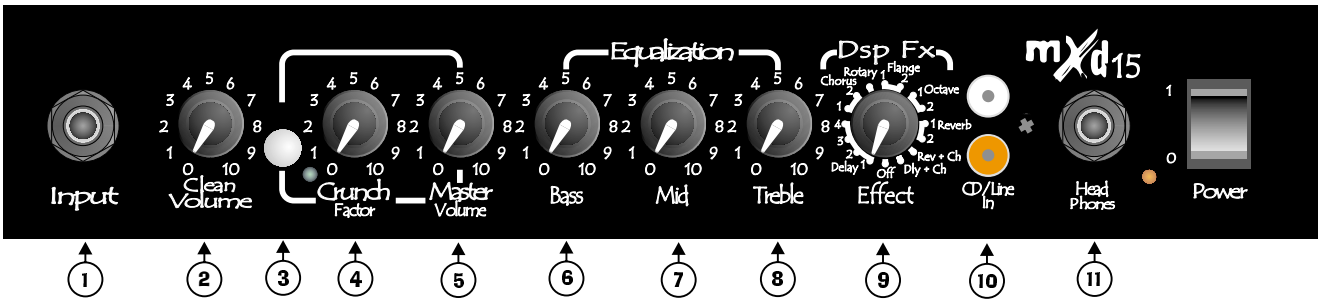
⑧ **TREBLE:** Controls the high frequency EQ in the pre amplifier.

⑨ **DIGITAL X FACTOR EFFECTS:** Selects one of the fifteen onboard effects.

The MXD range of amplifiers carry the following effects:

Chorus 1	X Factor Chorus - Lush slow deep wave pattern
Chorus 2	X Factor Ultra Chorus - fast Shallow wave pattern
Chorus + Delay	X Factor Ultra Chorus +300 ms delay
Delay 1	X Factor Delay 1 250ms "Slap Back" delay
Delay 2	X Factor Delay 2 400 ms short decay
Delay 3	X Factor Delay 3 500ms delay with medium decay
Delay 4	X Factor Delay 4 600ms delay with long decay
Flange 1	X Factor Flange
Flange 2	X Factor Flange plus 400ms delay
Octave 1	X Factor Octave - low octave doubler
Octave 2	X Factor Octave plus 500ms delay
Reverb + Chorus	X Factor Room reverb plus ultra chorus
Reverb 1	X Factor Room room-sized simulation reverb
Reverb 2	X Factor Hall large-sized hall simulation reverb
Rotary	X Factor Rotary vintage rotary speaker simulator.

MXD 15



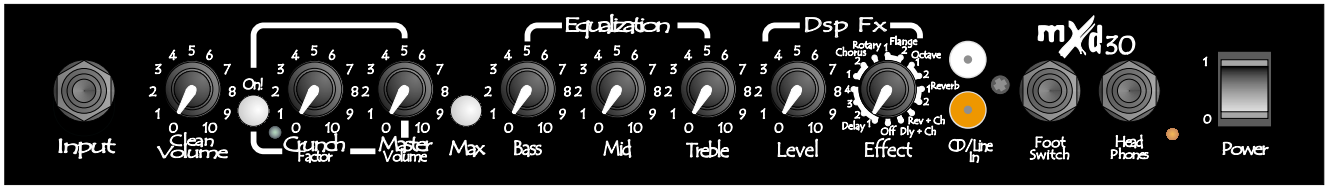
Effects Continued

The effect level for the MXD15 has been pre set to give you the best possible sounding effects available. The on board effects are present on both channels of the MXD15 should you decide you do not want any effects added to your guitar sound then switch the effects selector to the off position. This way the effects section of the MXD15 is bypassed

⑩ **CD/LINE INPUT:** Sockets for connection of external CD player.

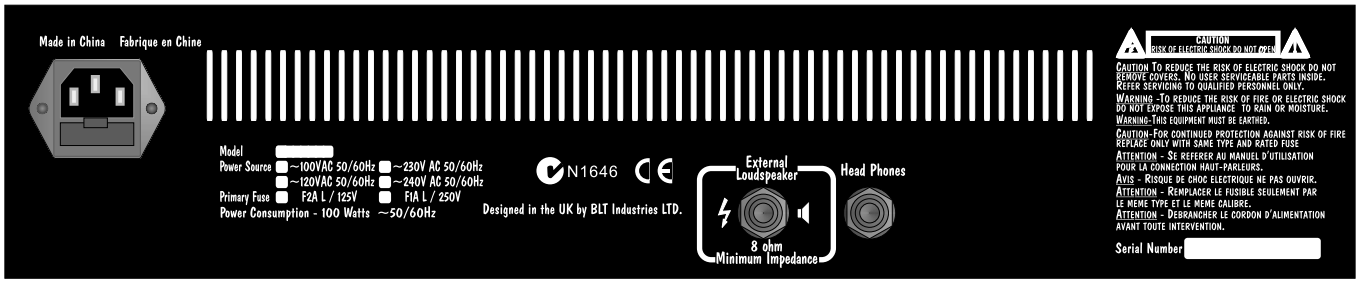
⑪ **HEAD PHONES:** Socket for connecting external headphones. Connecting headphones automatically isolates the internal speaker.

MXD 30



1. **GUITAR INPUT:** Socket provided for connecting electric guitar.
2. **CLEAN VOLUME:** Sets the overall listening level of the clean channel.
3. **CRUNCH FACTOR ON!:** Engages the CRUNCH channe
4. **CRUNCH FACTOR:** Sets the level of distortion within the crunch channel..
5. **MASTER VOLUME:** Controls the overall listening level of the overdrive channel.
6. **MAX BUTTON:** Engages the MAX feature. This provides a scooped EQ boost to the signal giving the amplifier a very unique distortion tone.....try it out!
7. **BASS:** Controls the low frequency EQ in the preamplifier.
8. **MIDDLE:** Controls the mid frequency EQ in the preamplifier.
9. **TREBLE:** Controls the high frequency EQ in the preamplifier.
10. **EFFECTS LEVEL:** Sets the overall level of the effect selected. The level control should be used to get the desired blend between the “DRY” signal - no effect and the “WET” signal - with effects..
11. **DIGITAL X FACTOR EFFECTS:** Selects one of the fifteen onboard effects. See the effects description in the MXD15 section .
12. **CD/LINE INPUT:** Sockets for connection of external CD player.
13. **FOOTSWITCH:** Socket for connection of FS2 footswitch allowing remote switching of X-Factor effects and channel status.
14. **HEAD PHONES:** Socket for connecting external headphones. Connecting headphones automatically isolates the internal speaker.

MXD 65


Made in China Fabrique en Chine
Model
Power Source ~100VAC 50/60Hz ~230V AC 50/60Hz
~120VAC 50/60Hz ~240V AC 50/60Hz
Primary Fuse F2A L / 125V F1A L / 250V
Power Consumption - 100 Watts ~50/60Hz
N1646
Designed in the UK by BLT Industries LTD.
External Loudspeaker
8 ohm Minimum Impedance
Head Phones
CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN
Serial Number

1. **GUITAR INPUT:** Socket provided for connecting electric guitar.
2. **CLEAN VOLUME:** Sets the overall listening level of the clean channel.
3. **BASS:** Controls the low frequency EQ in the preamplifier for the clean channel.
4. **MIDDLE:** Controls the mid frequency EQ in the preamplifier for the clean channel.
5. **TREBLE:** Controls the high frequency EQ in the preamplifier for the clean channel.
6. **CRUNCH FACTOR ON!:** Engages the CRUNCH channel
7. **CRUNCH FACTOR:** Sets the level of distortion within the crunch channel..
8. **MASTER VOLUME:** Controls the overall listening level of the overdrive channel.
9. **MAX BUTTON:** Engages the MAX feature. This provides a scooped EQ boost to the signal giving the amplifier a very unique distortion tone.....try it out!
10. **BASS:** Controls the low frequency EQ in the distorted signal.
11. **MIDDLE:** Controls the mid frequency EQ in the distorted signal.
12. **TREBLE:** Controls the high frequency EQ in the distorted signal.
13. **EFFECTS LEVEL:** Sets the overall level of the effect selected. The level control should be used to get the desired blend between the “DRY” signal - no effect and the “WET” signal - with effects..
14. **DIGITAL X FACTOR EFFECTS:** Selects one of the fifteen onboard effects. See the effects description in the MXD15 section .
15. **CD/LINE INPUT:** Sockets for connection of external CD player.
16. **FOOTSWITCH:** Socket for connection of FS2 footswitch allowing remote switching of X-Factor effects and channel status.

⑰ **LINE OUT:** Socket for connecting to an additional amplifier or PA system should more power be required. The output of this socket should be connected to a line level compatible input on the additional amplifier - such as an effects return socket, or when using a mixing desk - directly into the line input on the channel strip.

⑱ **EXTERNAL LOUDSPEAKER:** Socket provided for connecting to an additional speaker cabinet. Please ensure that the addition speaker or cabinets has a total impedance of no lower than 8 Ohms.

⑲ **HEAD PHONES:** Socket for connecting external headphones. Connecting headphones automatically isolates the internal speaker.

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In the interest of continuing product development BLT Industries reserves the right to change specification without prior notice.